

IN THE CLAIMS:

Please cancel claims 2-27.

Please amend the claims as follows:

1. (currently amended) A method of processing a plurality of discrete events, each discrete event comprising a plurality of independent sub-events, ~~said method comprising the steps of:~~

 distributing each discrete event into one of a plurality of segments, each segment comprising a sequence of at least one discrete event to be processed;

maintaining a data table; the table containing data associated with each of the plurality of segments;

 initiating each of said plurality of segments to execute concurrently on said at least one processor;

 for each segment, processing each discrete event contained within said segment sequentially;

 for each discrete event, processing each independent sub-event of said discrete event sequentially and then storing the results of said processing;

 monitoring each of said segments to detect failures;

 deactivating each segment for which a failure is detected;

retrieving initialization data, from the data table, corresponding to each failed segment;

 re-initializing each failed segment with the initialization data corresponding to that failed

segment; and

re-initiating each failed segment.

Claims 2-27 (cancelled).